(FILE 'HOME' ENTERED AT 13:31:37 ON 26 AUG 2003)

FILE 'BIOSIS, MEDLINE, CAPLUS, EMBASE, CANCERLIT' ENTERED AT 13:31:48 ON 26 AUG 2003 213298 OLIGONUCLEOTID?

L1 L2 18471 TAGS

11109 AMPLICON L3

92426 ENDONUCLEASE L4

255512 AMPLIFICATION L5

467543 VECTOR L6

30 L1 AND L2 AND L3 L7

3 L7 AND L4 L8

3 DUP REM L8 (0 DUPLICATES REMOVED) L9

3 L7 AND L4 L10

L11 3 DUP REM L10 (0 DUPLICATES REMOVED) L9 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2003:203279 CAPLUS

DOCUMENT NUMBER: 138:232946

TITLE: Enzymatic synthesis of error-free

oligonucleotide tags

INVENTOR(S): Brenner, Sydney; Williams, Steven R.

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 22 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE -----US 2001-756830 US 2001-756830 US 2001-756830 20010108 US 2003049616 A1 20030313 20010108 PRIORITY APPLN. INFO.: The invention provides oligonucleotide tag compns. and methods for synthesizing repertoires of error-free oligonucleotide tags that may be used for labeling and sorting polynucleotides, such as cDNAs, restriction fragments, and the like. In accordance with the method of the invention, oligonucleotide tag precursors are provided in an amplicon, wherein the tag precursors each consists of one or more oligonucleotide "words" selected from the same minimally cross-hybridizing set of words. The oligonucleotide tag precursors are elongated by repeated cycles of cleavage, ligation of one or more words, and amplification. Cycles continue until the oligonucleotide tags of the repertoire have a desired length or complexity.

L9 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2002:849855 CAPLUS

DOCUMENT NUMBER: 137:364343

TITLE: Method of constructing promoter libraries INVENTOR(S): Zhang, Wei; Hu, Limei; Hamilton, Stanley

PATENT ASSIGNEE(S): Board of Regents, The University of Texas System, USA

SOURCE: PCT Int. Appl., 69 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

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PATENT NO. KIND DATE APPLICATION NO. DATE

WO 2002088395 A1 20021107 WO 2002-US13384 20020425

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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO:

US 2001-287221P P 20010427

AB The present invention provides methods for the identification of promoters transcription initiation sites and promoters. More particularly, the invention provides for the prodn. of a promoter library, and uses of the library in the identification of transcription factors that interact with previously unidentified promoter elements. The method comprises of RNA extn. from cells. First strand cDNA synthesis is performed using oligo-dT
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primers as the downstream primer, and a primer contg. a class III restriction enzyme site, a second restriction enzyme site 3' to the class III site, and a poly-G at its 3' end as the upstream primer. The upstream primer is biotinylated. The cDNA population thus produced is cut with a class III restriction enzyme. Addn. of streptavidin-coated magnetic beads, permits the collection of 5'-end fragment of the cDNA. Cleavage of the 5'-end fragment at the other primer generated site will release the 5'-end fragment from the beads; collection of the beads will remove unwanted sequences. The remaining cDNA is double stranded fragment that contains a region corresponding to the 5'-end of the original transcript.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2000:241569 CAPLUS

DOCUMENT NUMBER: 132:289562

TITLE: Enzymatic synthesis of oligonucleotide

tags

INVENTOR(S): Brenner, Sydney; Williams, Steven R.

PATENT ASSIGNEE(S): Lynx Therapeutics, Inc., USA

SOURCE: PCT Int. Appl., 38 pp. CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

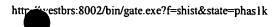
PATENT INFORMATION:

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PATENT NO.
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                                      APPLICATION NO. DATE
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    WO 2000020639
                    A1
                         20000413
                                      WO 1999-US22585 19990928
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           LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT,
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PRIORITY APPLN. INFO.:
                                     US 1998-103030P P 19981005
                                     WO 1999-US22585 W 19990928
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The invention provides oligonucleotide tag compns. and methods for synthesizing repertoires of error-free oligonucleotide tags that may be used for labeling and sorting polynucleotides, such as cDNAs, restriction fragments, and the like. In accordance with the method of the invention, oligonucleotide tag precursors are provided in an amplicon, wherein the tag precursors each consists of one or more oligonucleotide "words" selected from the same minimally cross-hybridizing set of words. The oligonucleotide tag precursors are elongated by repeated cycles of cleavage by type IIS restriction enzymes, ligation of one or more words, and amplification. Cycles continue until the oligonucleotide tags of the repertoire have a desired length or complexity.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT





WEST Search History

DATE: Tuesday, August 26, 2003

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L10	L9 and L6	1125	L10
L9	L8 and L5	1221	L9
L8	L7 and L4	1237	L8
L7	L1 and L2 and L3	1629	L7
L6	vector	265271	L6
L5	amplification	182391	L5
L4	endonuclease	26706	L4
L3	amplicon	4060	L3
L2	tags	95849	L2
L1	oligonucleotide	64757	L1

END OF SEARCH HISTORY